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X *Annual*
R.O.P. and
Performance Test
Summary, 1962-1963 X



Agricultural Research Service
May 1964 ARS 44-7

UNITED STATES DEPARTMENT
OF AGRICULTURE

Information in this report was compiled by
Animal Husbandry Research Division
Agricultural Research Service

INTRODUCTION

This report includes the records of ROP Candidate flocks and lists of breeders whose stocks are qualified for the U. S. Performance Tested Parent Stock classification.

The ROP Candidate Records were compiled from trapnest records obtained on the breeder's farm, for ROP female qualification. At the end of the trapnest period, all performance records for the candidates are summarized by the ROP supervisor and submitted to the Animal Husbandry Research Division for publication. Qualification of ROP females may be based on any one of four measurements of production. The basis for qualification of females used for each flock is indicated in the report by the letters A, B, C or D. The qualification requirements indicated by these letters are:

- A - Individual birds, 219 eggs in 365 days.
- B - Individual birds, 60% production for at least 8 months.
- C - Families of 6 or more, 65% production for at least 8 months.
- D - Families of 8 or more, 70% production for at least 13 weeks.

The qualification of stocks for the U. S. Performance Tested Parent Stock classification is based on the performance of the stock in acceptable random sample tests after proper application by the breeder to the Official State Agency. Classification as U. S. Performance Tested Parent Stock for eggs is based on the performance of the test entries in income over feed and chick costs and for meat it is based upon rate of growth and egg production. The performance records of the candidate stocks are not included herein since they have been reported in other publications. The 1962-63 records for egg production stocks were included in ARS 44-79-4, "1963 Report of Egg Production Tests."

The classification, U. S. Performance Tested Parent Stock, may be retained for one year after qualification, provided the stock is maintained under the supervision of the qualifying breeder and is mated in the same combination, and for one more year if it is continuously represented by an entry for such classification. The list of stocks qualified as U. S. Performance Tested Parent Stock for eggs includes those which qualified in the 1961-62 and the 1962-63 test periods.

The detailed provisions for qualification as U. S. Performance Tested Parent Stock and U. S. Record of Performance products are contained in USDA Miscellaneous Publication 739, "The National Poultry and Turkey Improvement Plans and Auxiliary Provisions."

ABBREVIATIONS OF STOCK DESIGNATIONS

WL	White Leghorn	Syn.	Synthetic
WPR	White Plymouth Rock	PS	Pure Strain
RIR	Rhode Island Red	SX	Strain Cross
DW	Dominant White	BX	Breed Cross
RIW	Rhode Island White	INX	Incrossbred

OTHER INFORMATION AVAILABLE

Other publications relating to performance testing of poultry are available upon request to Poultry Research Branch, Agricultural Research Service, Beltsville, Maryland.

- ARS 44-79 - Egg Production Tests
- ARS 44-95 - Chicken Meat Production Tests
- ARS 44-13 - Turkey Performance Tests.

ROP CANDIDATE RECORDS
Single-Comb White Leghorn

Breeder's Name and Address	Pullets of this Breed and Variety					Qualifying for ROP			Ave. for Birds Entered			1963 Single-Male Matings					
	On Farm	Trap-nested for ROP entry	With-drawn	Entered ROP		Number	Percent	Percent 365-day basis	Qualifying basis	Egg Prod.		Body Weight (m) lbs.	Females in matings	Years ROP (p)			
				Ind. Pedit-greed	Total					8 Mos. basis	365 day basis						
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(n)	(o)	(p)			
Brender's Leghorns Ferndale, New York	No.	No.	No.	No.	No.	%									No.		
	Records not received in time for publication.																
Cashman's Leghorn Farm Webster, Kentucky	5,761	2,248		2,248	2,248	1,534	68.2	B		64.6	24.9	3.8	12	466	19		
Foreman Poultry Farm Lowell, Michigan	1,000	78		56	78	60		76.9	A		244.4	25.3	5	111	13		
Hanson, J. A. Leghorn Farm Corvallis, Oregon	8,000	1,209	18	1,070	1,191	Due to Bronchitis data not published									37	732	29

Rhode Island Red

Anderson, Ralph W. Hanover, Massachusetts	364	371	2	369	369	193	52.3	B		53.6	26.2		7	49	30
Avery, C. T. and Son Colrain, Massachusetts	5,589	998	7	991	991	689	69.5	B		66.3	25.7	5.7	14	180	35
Garrison, Earl W., Inc. Bridgeton, New Jersey	280	280	105		175	107	61.1	B		61.4	25.2	5.4	10	100	1
Harco Orchards & Poultry Fr. So. Easton, Massachusetts	4,187	1,247	1	1,066	1,246	1,023		82.1	A		258.9	26.2	20	304	21
Hardy, C. Nelson & Son Essex, Massachusetts	1,637	500	2	498	498	420	84.3	B		71.7	25.9	5.9	17	206	21
Norfolk Co. Agric. School Walpole, Massachusetts	144	147	2	145	145	42	29.0	B		47.4	25.3	5.7	6	58	38
Parmenter Reds, Inc. Franklin, Massachusetts	4,638	950	20	930	930	669	77.3	B		63.7	25.9		25	395	36

ROP CANDIDATE RECORDS
White Plymouth Rock

Breeder's Name and Address	Pullets of this Breed and Variety					Qualifying for ROP			Ave. for Birds Entered				1963 Single-Male Matings		Years in ROP (p)	
	On Farm	Trap-nested for ROP entry	With-drawn	Entered ROP		Number	Percent (g)	Percent 365-day basis (h)	Qualifying basis (i)	Egg Prod.		Weight (lb.)	Body Weight (lb.)	Num-ber		Females in mat-ings (o)
				Ind. Pedigreed	Total					8 Mos. basis	365 day basis					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
No.	No.	No.	No.	No.	No.				%	No.	oz.	lbs.		No.		
Blue Diamond Poultry Farm Redwood Falls, Minnesota	4,000	400		400	400	339	84.7	A		256.0	24.7	6.4	18	273	22	
Botkin Poultry Farm Berea, Kentucky	550	426		425	426	321	75.4	B		66.1	25.0		6	104	18	
Garrison, Earl W., Inc. Bridgeton, New Jersey	950	350	68		282	173	61.3	B		61.6	24.5	6.2	12	144	1	
Lawton, A. C. & Sons Foxboro, Massachusetts	4,087	801	1	800	800	613	76.6	B		66.7	25.5	5.3	19	387	31	
Lee's Poultry Farm Brookville, Ohio	642	296		209	296	248	83.8	B		70.7	25.7		10	180	15	

Barred Plymouth Rock

Bishop, R. Walter Guilford, Connecticut	120	82	2	80	80	62	77.5		B	65.0		24.6	6.4	16	105	36
Harco Orchards & Poultry Fr. So. Easton, Massachusetts	12,717	1,319		1,119	1,319	1,186		89.9	A		268.6	25.4		22	336	21
Harco Orchards & Poultry Fr. So. Easton, Massachusetts	12,717	1,385	2	1,207	1,383	1,186	85.8		B	73.3		24.2				21

The following stocks, listed in the alphabetical sequence of their breeders, qualified as Performance Tested Parent Stock during the 1961-62 or 1962-63 Random Sample Test year:

Breeder	Stock	Test year in which Stock Qualified	
		1961-62	1962-63
<u>Egg Production Stocks</u>			
Arbor Acre Farms, Inc., Glastonbury, Connecticut	WL, Strain Cross Arbor Acre Queen	X	X
Babcock Poultry Farm, Inc., Ithaca, New York	WL, Strain Cross Babcock Bessie	X	
Babcock Poultry Farm, Inc., Ithaca, New York	WL, Strain Cross Babcock B-300		X
Babcock Poultry Farm, Inc., Ithaca, New York	CGxWL, Breed Cross Babcock B-370		X
Babcock Poultry Farm, Inc., Ithaca, New York	WL, Strain Cross Babcock Bonnie	X	
Ball Poultry Farm, Owego, New York	WL, Strain Cross Ball 551 A		X
Brender's Leghorns Ferndale, New York	WL, Strain Cross Money Maker #1		X
Brender's Leghorns Ferndale, New York	WL, Strain Cross Brender Beauty		X
Cameron Leghorn Research Farm Beaver Springs, Pennsylvania	WL, Strain Cross Cameron 924	X	X
Cashman Leghorn Farm Webster, Kentucky	WL, Strain Cross Cashman Hi-Cash	X	X
Cashman Leghorn Farm Webster, Kentucky	WL, Incross Astronauts	X	X
Colonial Poultry Farms Pleasant Hill, Missouri	WL, Pure Strain Best Egg Grade	X	
Colonial Poultry Farms Pleasant Hill, Missouri	Incrossbred True-Line #142		X
Colonial Poultry Farms Pleasant Hill, Missouri	WL, Incross True-Line 365-B	X	
DeKalb Agricultural Assoc., Sycamore, Illinois	Incrossbred DeKalb 131		X
DeKalb Agricultural Assoc., Sycamore, Illinois	Incrossbred DeKalb 151		X
Forsgate Farms Jamesburg, New Jersey	WL, Strain Cross FF160		X
Forsgate Farms Jamesburg, New Jersey	WL, Pure Strain Forsgate	X	
Gasson's Poultry Farm Versailles, Ohio	WL, Strain Cross Gasson G 33	X	
Ghostley's Poultry Farm Anoka, Minnesota	WL, Strain Cross Ghostley Pearl	X	X
Harco Orchards & Poultry Farm South Easton, Massachusetts	RIRxBPR, Breed Cross Sex Link		X
Hardy, C. Nelson & Son Essex, Massachusetts	RIRxBPR, Breed Cross Sex Link		X
Heisdorf & Nelson Farms, Inc., Kirkland, Washington	WL, Strain Cross H & N Nick Chick	X	X
Heisdorf & Nelson Farms, Inc., Kirkland, Washington	WL, Strain Cross H & N Mark II	X	X
Heisdorf & Nelson Farms, Inc., Kirkland, Washington	Syn. x WL, Breed Cross Breed Cross		X
Honegger Breeder Hatchery Forrest, Illinois	WL, Strain Cross Honegger Layer	X	X
Honegger Breeder Hatchery Forrest, Illinois	WL, Strain Cross Honegger Layer H-62	X	X
Honegger Farms Co., Inc., Forrest, Illinois	Syn. x WL, Breed Cross Honegger H-80		X

Breeder	Stock	Test year in which Stock Qualified	
		1961-62	1962-63
<u>Egg Production Stocks - Continued</u>			
Hubbard Farms Walpole, New Hampshire	Syn. x NH, Breed Cross Comet		X
Hy-Line Poultry Farms Des Moines, Iowa	Incrossbred Hy-Line 934C	X	
Hy-Line Poultry Farms Des Moines, Iowa	Incrossbred Hy-Line 934H	X	X
Hy-Line Poultry Farms Des Moines, Iowa	Incrossbred Hy-Line 950	X	X
Hy-Line Poultry Farms Des Moines, Iowa	Incrossbred Hy-Line 934F		X
Kerr, Dr., Hatcheries Minneota, Minnesota	WL, Incross Kerr 409C		X
Lawton, A. C. & Sons Foxboro, Massachusetts	RIRxWPR, Breed Cross Lawton Buff Sex Link	X	X
Maple Dale Hatchery Austin, Minnesota	WL, Strain Cross Maple Dale 253	X	
Rapp Leghorn Farm, Inc., Farmingdale, New Jersey	WL, Strain Cross Rapp Linecross	X	X
Schaible, Louis D. Shiloh, New Jersey	WL, Strain Cross Schaible #2	X	
Schaible, Louis D. Shiloh, New Jersey	WL, Strain Cross Schaible K-Cross	X	X
Stever Hatchery Huntingdon, Pennsylvania	WL, Strain Cross Stever SC-300		X
Stone Brothers Hatchery Madelia, Minnesota	WL, Strain Cross Stone 158	X	
Townline Poultry Farm Zeeland, Michigan	WL, Strain Cross Townline #30	X	X
Warren, J. J., Inc., North Brookfield, Massachusetts	WL, Strain Cross Warren-Darby DX	X	X
Warren, J. J., Inc., North Brookfield, Massachusetts	WLxSyn., Breed Cross Warren J-J	X	X
Warren, J. J., Inc., North Brookfield, Massachusetts	RIRxRIW, Breed Cross Warren Sex-Sal-Link	X	X
Warren, J. J., Inc., North Brookfield, Massachusetts	RIRxRIW, Breed Cross Warren Sex-Sal-Link-F		X
Welp's Breeding Farm Bancroft, Iowa	Multiple Synthetic Cross Welp Line 542		X
Welp's Breeding Farm Bancroft, Iowa	WL, Strain Cross Welp Line 937	X	X

The commercial products, eggs or chicks, from these stocks are eligible for the classification "U. S. Certified for Eggs."

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